

ABSTRACT OF THE DISCLOSURE

A carrier dispatch and transfer method is disclosed, which actuates an optimal carrier dispatch and transfer table for generating elements with a kernel of genetic algorithm by a multi-thread method to search setting confinement conditions and object. A plurality of samples are generated randomly, each including a two dimensional carrier dispatch encoding table. The carrier dispatch encoding table and its transportation duties correspond to chromosomes and genes in a genetic algorithm. The samples are utilized as parent generations for being estimated according to a defined object function and a confinement formula. By rule of roulette wheel, selection possibilities of chromosomes with relative superior fitness values are enhanced. After performing processes of chromosome crossover and mutation, a process of sample update is performed by local gene exchange to select superior samples based on the fitness values.